

*subby*

**WHAT IS CLAIMED IS:**

1. A communication system for exchanging information through a network, wherein

the information of the pieces of terminal equipment connected to said network system is registered in information control means connected to said network system, and

when prescribed information is transmitted to the terminal equipment of a receiver connected to said network from the terminal equipment of a transmitter connected to said network, a transmission path for transmitting said information from said terminal equipment of the transmitter to said terminal equipment of the receiver is determined on the basis of said registered information.

2. The communication system according to Claim 1, wherein

said information transmitted from said terminal equipment of the transmitter is converted into information which can be received by said terminal equipment of the receiver.

3. An information controller connected to a network comprising:

registering means for registering the information of terminal equipment connected to said network system; and  
communication path determining means for determining the transmission path of said information from said terminal equipment of a transmitter to said terminal equipment of a receiver on the

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basis of said registered information when prescribed information is transmitted to said terminal equipment of the receiver connected said network from the terminal equipment of the transmitter connected to said network.

4. The information controller according to Claim 3, wherein said information control means is provided with converting means for converting said information transmitted from said terminal equipment of the transmitter into information capable of being received by said terminal equipment of the receiver.

5. A network system for exchanging information via a network, wherein

the information of terminal equipment used by a user and terminal equipment connected to said terminal equipment used by the user among the pieces of terminal equipment connected to said network is registered in prescribed registering means together with information for identifying said user as available environmental information, and

provided information is transmitted to a terminal equipment specified by said registered available environmental information.

6. The network system according to Claim 5, wherein said terminal equipment having display means for displaying prescribed provided information is selected on the basis of the

available environmental information registered in said registering means and said provided information is transmitted to said selected terminal equipment.

7. The network system according to Claim 5, wherein said available environmental information includes owner information of said terminal equipment.
8. The network system according to Claim 5, wherein said available environmental information is registered in said registering means in accordance with a registration request through said terminal equipment from prescribed portable terminal means.
9. The network system according to Claim 5, wherein said available environmental information is registered in said registering means in accordance with the registration request transmitted from said terminal equipment, when prescribed external storing means is connected to said terminal equipment.
10. An information controller connected to a network comprising: registering means for registering the information of terminal equipment used by a user and terminal equipment connected to said terminal equipment used by said user among the pieces of terminal

equipment connected to said network together with information for identifying said user as available environmental information, and transmitting means for transmitting provided information to the terminal equipment specified by the registered available environmental information.

11. The information controller according to Claim 10, wherein said transmitting means selects the terminal equipment having display means for displaying prescribed provided information on the basis of said registered available environmental information and transmits said provided information to said selected terminal equipment.
12. The information controller according to Claim 10, wherein said registering means registers the owner information of said terminal equipment.
13. A terminal equipment connected to a network comprising:  
transmitting means for transmitting the identifying information of user for using said terminal equipment, identifying information peculiar to said terminal equipment and the information of connection terminal equipment connected to said terminal equipment to said network as available environmental information.

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14. The terminal equipment according to Claim 13 comprising:  
identifying information reading means connected to prescribed  
external storing means for reading out the identifying information  
of said user from the connected external storing means, wherein  
said read identifying information of said user is transmitted  
to said network as said available environmental information.

15. The terminal equipment according to Claim 13 comprising:  
identifying information receiving means for receiving the  
identifying information of said user transmitted from prescribed  
portable terminal means, wherein  
said received identifying information of said user is  
transmitted to said network as said available environmental  
information.